

Title (en)

Monolithic spider for epicyclic reduction unit

Title (de)

Einstückiger Planetenträger für ein Planeten-Untersetzungsgetriebe

Title (fr)

Porte-satellites en une seule pièce pour un réducteur planétaire

Publication

**EP 1006295 A2 20000607 (EN)**

Application

**EP 99122049 A 19991115**

Priority

IT BO980673 A 19981130

Abstract (en)

A spider (8) for an epicyclic reduction unit (1), provided with planetary gear supporting pivots (12) which protrude from a flange (11), the pivots (12) being monolithic with the flange (11) and having a surface (15) for the rolling of rolling bodies of bearings for supporting planetary gears which has a high level of hardness achieved by means of a thermal treatment for surface hardening. <IMAGE>

IPC 1-7

**F16H 57/08**

IPC 8 full level

**F16H 1/46** (2006.01); **F16H 57/08** (2006.01)

CPC (source: EP US)

**F16H 1/46** (2013.01 - EP US); **F16H 57/082** (2013.01 - EP US)

Citation (applicant)

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Cited by

EP2985493A1; EP2990694A1; EP2990695A1; WO2010072330A1; DE10223548B4; CN105757225A; CN105952882A; CN105952881A; EP2376810B1

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